4/7/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *MARCH* 25, 1983 **NO. 12**

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/25/83	Last Week Ending: 03/18/83	Last Year Week Ending: 03/26/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,509	11,254	11,559	+ 255	- 50
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	68.4	66.9	64.9		
Motor Gasoline					
Total motor gasoline production	5,984	5,969	5,882	+ 15	+ 102
Finished leaded motor gasoline production	2,891	2,737	*N/A*	+ 154	*N/A*
Finished unleaded motor gasoline production	3,093	3,232	*N/A*	- 139	*N/A*
Total motor gasoline stocks	236,129	240,358	250,362	- 4,229	- 14,233
Finished leaded motor gasoline stocks	96,803	98,280	*N/A*	- 1,477	*N/A*
Finished unleaded motor gasoline stocks	96,387	97,818	97,841	- 1,431	- 1,454
Distillate Fuel Oil					
Distillate fuel oil production	2,111	1,964	2,344	+ 147	- 233
Distillate fuel oil stocks	130,282	134,065	128,599	- 3,783	+ 1,683
Residual Fuel Oil					
Residual fuel oil production	857	893	1,129	- 36	- 272
Residual fuel oil stocks	45,616	47,952	58,091	- 2,336	- 12,475
Imports					
Crude oil imports	2,357	1,722	2,690	+ 635	- 333
Product imports	1,394	1,705	1,804	- 311	- 410
Crude Oil Stocks					
Crude oil stocks	350,435	352,747	381,838	- 2,312	- 31,403

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,127	864	894	1,569	57.0
Appal. No. 1	64	63	63	98	64.3
DISTRICT 1 TOTAL	1,191	927	957	1,667	57.4
Appal. No. 2	54	48	53	66	80.3
Ind., Ill., Ky.	1,815	1,657	1,703	2,399	71.0
Minn., Wis., Daks.	264	250	264	293	90.1
Okla., Kans., Mo.	685	613	620	858	72.3
DISTRICT 2 TOTAL	2,818	2,568	2,640	3,616	73.0
Inland Texas	500	450	493	592	83.3
Texas Gulf Coast	3,097	2,807	2,891	4,164	69.4
La. Gulf Coast	2,064	1,844	1,893	2,708	69.9
N. La. and Ark.	192	170	188	314	59.9
New Mexico	83	82	83	117	70.9
DISTRICT 3 TOTAL	5,936	5,353	5,548	7,895	70.3
DISTRICT 4 TOTAL	385	348	354	553	64.0
DISTRICT 5 TOTAL	1,999	2,004	2,010	3,083	65.2
TOTAL U.S.	12,329	11,200	11,509	16,814	68.4
TOTAL U.S. Weeks Ended:					
MAR. 18, 1983	12,124	10,936	11,254	16,814	66.9
MAR. 26, 1982	12,496	11,240	11,559	17,822	64.9
DISTRICTS 1–4 Weeks Ended:					
MAR. 25, 1983	10,330	9,196	9,499	13,731	69.2
MAR. 18, 1983	10,120	9,029	9,318	13,731	67.9
MAR. 26, 1982	10,354	9,205	9,472	14,698	64.4

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	490	225	265	6	24	194	91
Appal. No. 1	19	4	15	1	--	17	3
DISTRICT 1 TOTAL	509	229	280	7	24	211	94
Appal. No. 2	36	13	23	2	4	7	1
Ind., Ill., Ky.	1,116	535	581	10	104	279	74
Minn., Wis., Daks.	160	83	77	4	10	56	7
Okla., Kans., Mo.	348	216	132	7	24	151	12
DISTRICT 2 TOTAL	1,660	847	813	23	142	493	94
Inland Texas	231	134	97	27	25	100	12
Texas Gulf Coast	1,392	528	864	42	253	538	170
La. Gulf Coast	983	495	488	11	209	309	175
N. La. and Ark.	69	45	24	7	--	49	10
New Mexico	20	12	8	18	--	23	3
DISTRICT 3 TOTAL	2,695	1,214	1,481	105	487	1,019	370
DISTRICT 4 TOTAL	195	127	68	13	21	80	9
DISTRICT 5 TOTAL	925	474	451	65	182	308	290
TOTAL U.S.	5,984	2,891	3,093	213	856	2,111	857
TOTAL U.S. Weeks Ended:							
MAR. 18, 1983	5,969	2,737	3,232	182	814	1,964	893
MAR. 26, 1982	5,882	*N/A*	*N/A*	194	860	2,344	1,129
DISTRICTS 1-4 Weeks Ended:							
MAR. 25, 1983	5,059	2,417	2,642	148	674	1,803	567
MAR. 18, 1983	5,085	2,409	2,676	151	598	1,678	578
MAR. 26, 1982	5,011	*N/A*	*N/A*	151	627	2,043	734

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 25, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,395	2,397	2,998	--	102	609	6,500	2,148	--
Central Atlantic	27,723	10,191	12,980	4,552	209	3,689	23,995	15,263	13,077
Lower Atlantic	26,237	12,680	13,186	371	128	3,956	12,200	3,362	412
DISTRICT 1 TOTAL	59,355	25,268	29,164	4,923	439	8,254	42,695	20,773	13,489
DISTRICT 2 TOTAL	71,797	33,544	29,053	9,200	1,580	6,828	42,686	4,091	16,872
DISTRICT 3 TOTAL	66,766	23,952	25,474	17,340	2,028	12,198	29,503	11,228	48,249
DISTRICT 4 TOTAL	9,573	4,107	2,714	2,752	474	506	3,568	394	2,722
DISTRICT 5 TOTAL	28,638	9,932	9,982	8,724	1,443	5,458	11,830	9,130	27,678
TOTAL U.S.	236,129	96,803	96,387	42,939	5,964	33,244	130,282	45,616	109,010
TOTAL U.S.									
Weeks Ended:									
MAR. 18, 1983	240,358	98,280	97,818	44,260	5,604	33,409	134,065	47,952	109,432
MAR. 26, 1982	250,362	*N/A*	97,841	*N/A*	6,348	34,579	128,599	58,091	116,480
DISTRICTS 1-4									
Weeks Ended:									
MAR. 25, 1983	207,491	86,871	86,405	34,215	4,521	27,786	118,452	36,486	81,332
MAR. 18, 1983	211,272	88,606	87,280	35,386	4,272	27,422	121,837	39,377	81,497
MAR. 26, 1982	221,012	*N/A*	87,705	*N/A*	4,982	27,481	117,519	47,708	89,834

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 25, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *OCT* 1982	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
MAR. 25, 1983	5,832.4	5,860.0	2,278	183	265,852
MAR. 18, 1983	5,832.4	--	1,660	220	266,963
MAR. 11, 1983	5,832.4	--	1,590	201	270,986
MAR. 4, 1983	5,826.9	--	1,942	216	272,386
DISTRICT 5 TOTAL					
MAR. 25, 1983	2,830.0	2,824.0	79	14	84,583 *
MAR. 18, 1983	2,830.0	--	62	29	85,784
MAR. 11, 1983	2,830.0	--	132	29	86,294
MAR. 4, 1983	2,827.2	--	155	25	85,554
TOTAL U.S.					
MAR. 25, 1983	8,662.4	8,684.0	2,357	197	350,435 *
MAR. 18, 1983	8,662.4	--	1,722	249	352,747
MAR. 11, 1983	8,662.4	--	1,722	230	357,280
MAR. 4, 1983	8,654.1	--	2,097	241	357,940
MAR. 26, 1982	8,650.2/A	--	2,690	162	381,838

*INCLUDES 27,187 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR MARCH 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 25, 1983	14,436	80,882	154,760	15,774	265,852	84,583 *	350,435 *
MAR. 18, 1983	15,493	81,370	154,496	15,604	266,963	85,784	352,747
MAR. 26, 1982	24,248	84,195	167,733	15,559	291,735	90,103	381,838

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended *MARCH* 25, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	183	4	--	--	187
Central Atlantic	149	98	51	--	17	20	212	5	16	62	481
Lower Atlantic	--	--	--	--	--	--	180	--	--	--	180
DISTRICT 1 TOTAL											
MAR. 25, 1983	149	98	51	--	17	20	575	9	16	62	848
MAR. 18, 1983	164	113	51	--	16	42	644	15	9	180	1,070
MAR. 11, 1983	157	106	51	3	14	73	552	3	23	143	968
MAR. 4, 1983	156	66	90	3	16	99	1,077	10	70	51	1,482
DISTRICTS 2–4 TOTAL											
MAR. 25, 1983	--	--	--	--	--	3	40	263	154	24	484
MAR. 18, 1983	2	1	1	--	--	4	65	252	179	17	519
MAR. 11, 1983	2	1	1	--	--	3	74	249	166	24	518
MAR. 4, 1983	--	--	--	--	--	3	120	279	89	17	508
DISTRICT 5 TOTAL											
MAR. 25, 1983	24	15	9	--	--	7	10	12	--	9	62
MAR. 18, 1983	68	59	9	--	--	7	15	18	--	8	116
MAR. 11, 1983	30	22	8	--	--	6	14	6	--	8	64
MAR. 4, 1983	37	29	8	--	--	6	16	13	1	8	81
TOTAL U.S.	173	113	60	--	17	30	625	284	170	95	1,394
TOTAL U.S. Weeks Ended:											
MAR. 18, 1983	234	173	61	--	16	53	724	285	188	205	1,705
MAR. 11, 1983	189	129	60	3	14	82	640	258	189	175	1,550
MAR. 4, 1983	193	95	98	3	16	108	1,213	302	160	76	2,071
MAR. 26, 1982	192	*N/A*	80	--	31	53	811	263	394	55	1,804

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

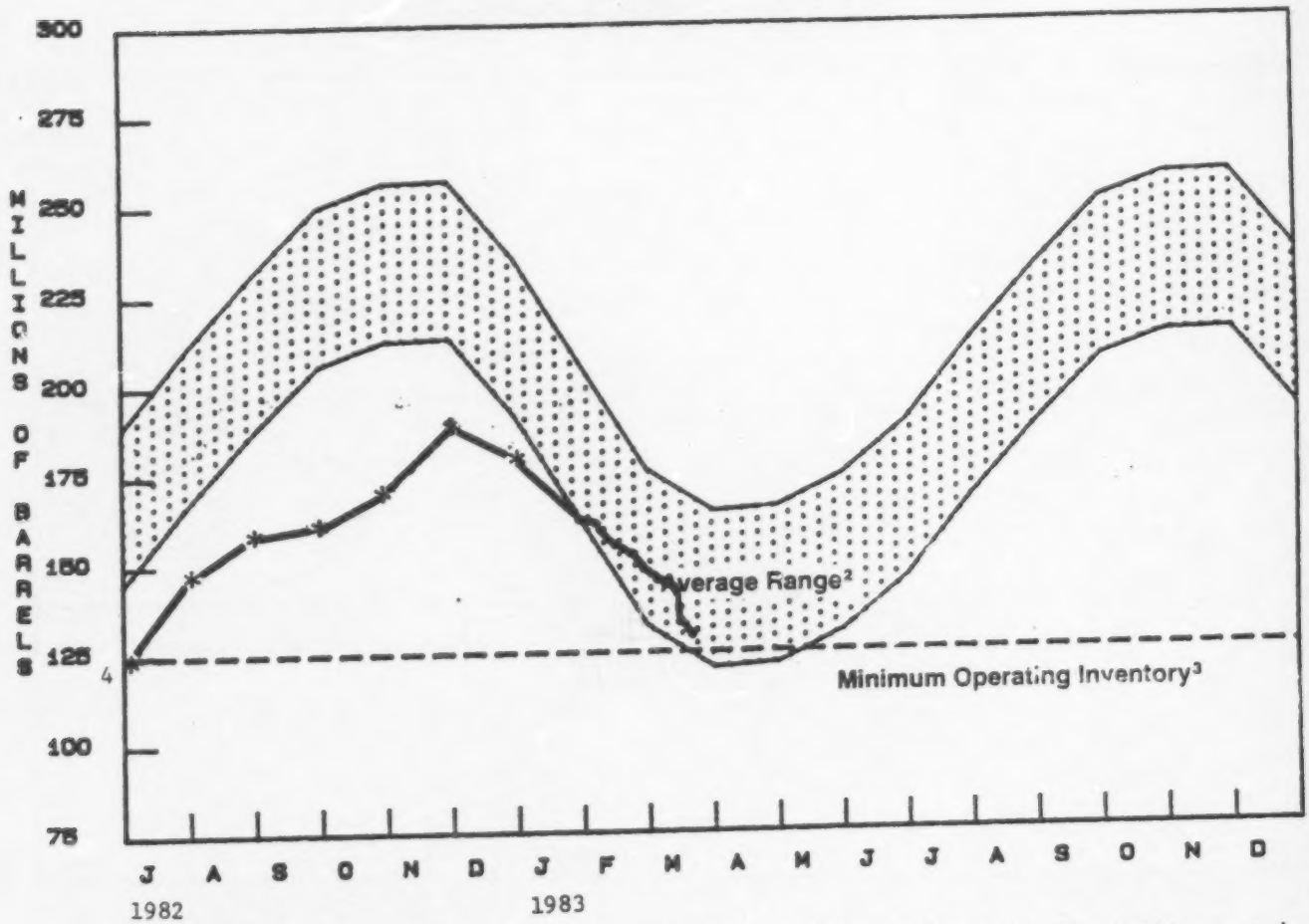
Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

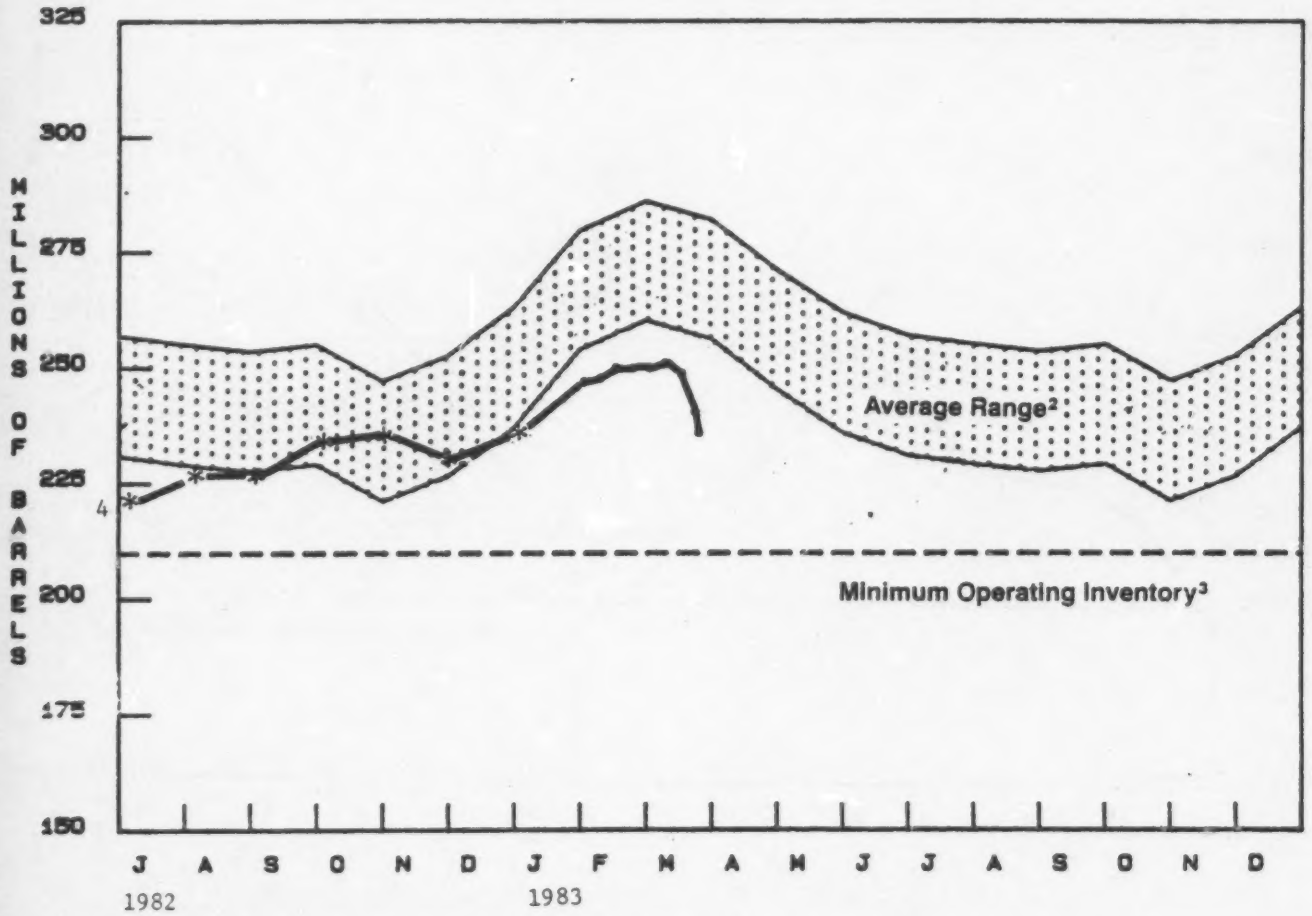
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended March 25, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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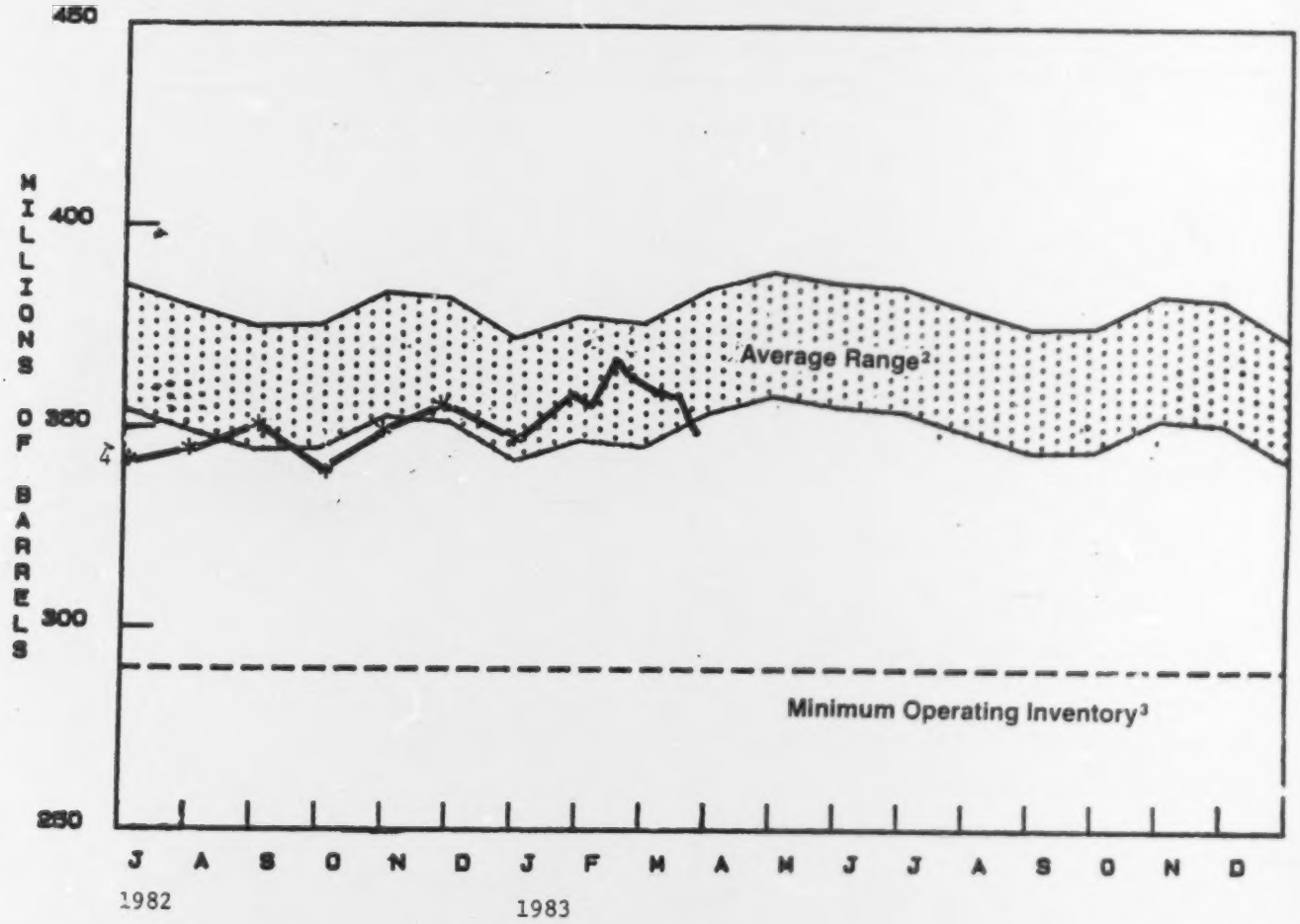
Week Ended March 25,1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.